

Incoming
00150018
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From: James Owen
To: Suzanne Steab
Date: 1/26/2012 4:33 PM
Subject: Fwd: RE: Bond Summary Sheet for Deer Creek Mine C/015/0018

>>> "Oakley, Dennis" <Dennis.Oakley@PacifiCorp.com> 1/26/2012 4:28 PM >>>

James

Attached is the correct summary sheet. Make 8 copies and insert into today's submittal. Sorry for the inconvenience. I have no idea how that happened!!

Dennis Oakley
Senior Engineer ♦ CPESC

1407 West North Temple ♦ Suite 310 ♦ Salt Lake City, Utah 84116

Phone: 801.220.4607 ♦ Mobile: 435.636.5053 ♦ Fax: 801.220.4725
dennis.oakley@pacificorp.com

-----Original Message-----

From: James Owen [<mailto:jamesowen@utah.gov>]
Sent: Thursday, January 26, 2012 4:04 PM
To: Oakley, Dennis
Subject: Fwd: Bond Summary Sheet for Deer Creek Mine C/015/0018

James C. Owen
Reclamation Engineer
Division of Oil, Gas and Mining
1594 W. North Temple, Suite 1210
Salt Lake City, Utah 84114-5801
801.538.5306

Please note: Starting Tuesday, September 6, 2011, our agency hours will be 8am-5pm, Monday-Friday

>>> "Oakley, Dennis" <Dennis.Oakley@PacifiCorp.com> 1/3/2012 1:33 PM
>>>

Dennis Oakley
Senior Environmental Engineer ♦ CPESC

[[cid:image002.jpg@01CCCA1C.51B1E5D0](#)]

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Bonding Calculations
Deer Creek Mine - including Rilda Canyon Portal Facilities

Deer Creek Mine Facilities			
Direct Costs (2003 Costs)			
Subtotal Demolition,	\$	765,091.00	
Subtotal Backfilling and Grading	\$	832,473.00	
Subtotal Revegetation	\$	151,781.00	
Direct Costs Total	\$	1,749,345.00	
Indirect Costs			
Mob/Demob	\$	174,935.00	10.0%
Contingency	\$	87,467.00	5.0%
Engineering Redesign	\$	43,734.00	2.5%
Main Office Expense	\$	118,955.00	6.8%
Project Mainagement Fee	\$	43,734.00	2.5%
Indirect Costs Totals	\$	468,825.00	26.8%
Total Cost in 2003 Dollars	\$	2,218,170.00	
Escalation factor			2.82%
Number of years			2
Escalation	\$	126,869.00	
Deer Creek Mine Facilities Total Reclamation Cost 2005 Dollars	\$	2,345,039.00	1.02%
Deer Creek Mine Facilities Total Reclamation Cost 2008 Dollars	\$	2,417,244.45	1.30%
Deer Creek Mine Facilities Total Reclamation Cost 2011 Dollars	\$	2,512,747.84	
Deer Creek Mine - Rilda Canyon Portal Facilities			
Direct Costs Total			
Subtotal Demolition,	\$	357,280.00	
Subtotal Earthwork	\$	91,473.16	
Subtotal Revegetation	\$	15,487.94	
Direct Costs Total	\$	464,241.10	
Indirect Costs			
Mob/Demob	\$	46,424.11	10.0%
Contingency	\$	23,212.05	5.0%
Engineering Redesign	\$	11,606.03	2.5%
Main Office Expense	\$	31,568.39	6.8%
Project Mainagement Fee	\$	11,606.03	2.5%
Indirect Costs Totals	\$	124,416.61	26.8%
Rilda Canyon Portal Facilities Total Cost in 2011 Dollars	\$	588,657.71	
Total Deer Creek Mine Complex Reclamation Costs in 2011 Dollars	\$	3,101,405.55	
Escalation factor			1.70%
Number of years			5
Escalation	\$	272,736.21	
Reclamation Cost 2016	\$	3,374,141.76	
Bond Amount (rounded to nearest \$1,000)	\$	3,374,000.00	